

Title (en)

SELF-PROPELLED VEHICLE FOR HANDLING GLASS-SHEET SUPPORTING RACKS

Title (de)

SELBSTFAHRENDES FAHRZEUG ZUR HANDHABUNG VON GLASPLATTENTRAGGESTELLEN

Title (fr)

VÉHICULE AUTOPROPULSÉ POUR LA MANIPULATION DES BÂTIS DE SUPPORT DE FEUILLES DE VERRE

Publication

**EP 3342636 A1 20180704 (EN)**

Application

**EP 18150239 A 20180103**

Priority

IT 201700000306 A 20170103

Abstract (en)

Self-propelled vehicle (1) for handling glass-sheet supporting racks (100) comprising a front rack-supporting chassis (2) and a rear driving unit (3), both provided with ground-resting wheels (4, 5); the rack-supporting chassis (2) comprising a substantially U-shaped rigid oblong frame (10) which is provided with two longitudinal beams (11) extending substantially horizontally and parallel to the longitudinal axis of the vehicle (L), in substantially specular position on opposite sides of the vertical midplane of the vehicle (P) to form a rectilinear groove or slot (12) adapted to be engaged by a glass-sheet supporting rack (100); the rear drive unit (3) being connected to the rack-supporting chassis (2) by mechanical coupling means (6) allowing the rack-supporting chassis (2) to move vertically with respect to the drive unit (3); each longitudinal beam (11) being divided into a front rectilinear segment (14) and a rear rectilinear segment (15) that are coupled in axially slidable manner to one another so as to be able to vary the overall axial length (f) of the longitudinal beam (11) between a given maximum value and a given minimum value.

IPC 8 full level

**B60P 3/00** (2006.01)

CPC (source: EP)

**B60P 3/002** (2013.01)

Citation (search report)

- [A] DE 202008003946 U1 20081120 - LANGENDORF GMBH [DE]
- [A] DE 3305840 A1 19840830 - BERGLER GEORG

Cited by

CN114260203A; EP3932737A1; IT202000015646A1; US11872925B2; EP3929032A1; IT202000015211A1

Designated contracting state (EPC)

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